

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application:

1-54. (cancelled)

55. (previously presented) An entertainment system in which plural entertainment devices are interconnected via a communication channel,

wherein said plural entertainment devices are interconnected via a synchronization signal transmission channel and a status change information transmission channel;

and wherein at least one of said entertainment devices outputs picture signals in synchronism with synchronization signals transmitted from the entertainment device other than said at least one entertainment device via said synchronization signal transmission channel, based on status change information of said at least one entertainment device and status change information sent from the other entertainment device, said synchronization signal being a synchronization signal component contained in picture signals of the other entertainment device.

56. (previously presented) The entertainment system according to claim 55 comprising:

a memory in which picture data is written, and

display control means having a synchronization signal input terminal to which are entered synchronization signals from outside, sent over said synchronization signal transmission channel,

said display control means having the function of outputting as picture signals picture data written in said memory in synchronism with said synchronization signals from outside.

57. (previously presented) The entertainment system according to claim 56, wherein there are recorded in said memory picture data generated on the basis of the own status change information and picture data generated on the basis of the status change information sent from the other entertainment device over said synchronization signal transmission channel.

58. (previously presented) The entertainment system according to claim 56 wherein said display control means brings the frame numbers of the picture signals into coincidence using said synchronization information signals for achieving frame synchronization.

59. (previously presented) The entertainment system according to claim 56 wherein said display control means further includes a picture input terminal to which picture signals from outside are entered and has the function of writing the input picture signals in said memory.

60. (previously presented) An entertainment system according to claims 55 or 56, wherein

said picture signals of the other entertainment device are signals for displaying video in a display unit connected to said other entertainment device.

61. (withdrawn) A picture display apparatus for outputting picture signals on a display unit comprising:

a memory in which are recorded picture data;

display control means including a synchronization information input terminal to which is entered the synchronization signal being the synchronization signal component outputted from other device, and having the function of outputting picture signals by picture data written in said memory in synchronism with the synchronization signals from the other device; and

a picture output terminal for outputting said picture signals to outside.

62. (withdrawn) The picture display apparatus according to claim 61, wherein said display control means brings the frame numbers of picture signals into coincidence using said synchronization signals to effect frame synchronization.

63. (withdrawn) The picture display apparatus according to claim 61 further comprising:

a status change information input terminal to which is entered status change information supplied on the basis of an application program for game.

64. (withdrawn) The picture display apparatus according to claim 61 wherein said display control means further includes a picture input terminal to which are entered picture signals from outside and has the function of writing the input picture data in said memory.

65. (withdrawn) The picture display apparatus according to claim 61 further comprising:

broadcast receiving means for receiving telecast signals;

wherein synchronization signals in the telecast signals from said broadcast receiving means being supplied to said synchronization information signal input terminal to effect synchronization.

66. (withdrawn) The picture display apparatus according to claim 65,
wherein said display control means further includes a picture input terminal to which are entered the picture signals from outside;
wherein picture signals of the telecast signals from said broadcast receiving means are sent to said picture input terminal.

67. (withdrawn) The picture display apparatus according to claim 61 further comprising:
broadcast reception means for receiving game-dedicated broadcast; wherein
said display control means further includes a picture input terminal to which are entered picture signals from outside;
and wherein the synchronization signals for the game dedicated broadcast received by said broadcast reception means are sent to said synchronization information signal input terminal to effect synchronization;
the picture signals for the game-dedicated picture signals received by said broadcast reception means being sent to said picture input terminal.

68. (withdrawn) A picture processing system in which picture output devices for picture signals on a display unit are interconnected over a communication network, comprising:
a first picture display device having
a memory in which are written plural picture data,

display control means for outputting picture signals by picture data written in said memory and

a synchronization signal output terminal for outputting said synchronization signals to outside; and

a second picture display device having

a memory in which are written picture data and

display control means including a synchronization signal input terminal to which are entered synchronization signals of picture data from other picture display devices via said communication network,

said display control means having the function of outputting picture signals by said picture data written in said memory, in synchronism with the inputted synchronization signal for said input picture data.

69. (withdrawn) The information processing system according to claim 68,

wherein said second picture display device brings the frame numbers of the picture signals into coincidence using said synchronization information in order to effect frame synchronization.

70. (withdrawn) The information processing apparatus according to claim 68, said first and second picture display devices further comprise broadcast reception means for receiving telecast signals to enter the received signals to said picture input terminal, and

wherein said display control means of said first display device synchronizes the picture signals based on the picture data recorded in the memory with synchronization signals of the television broadcast signals to output the picture signals,

said display control means of said second display device synchronizes the picture signals based on the picture data recorded in the memory with synchronization signals of the television broadcast signal instead of the synchronization signal of the picture data from the other picture display device to output the picture signal.

71. (withdrawn) The information processing system according to claim 70, wherein said first and second picture display devices bring the frame numbers of the picture signals into coincidence using the synchronization signals of said television telecast signals to effect frame synchronization.

72. (withdrawn) The information processing system according to claim 70 wherein said telecast signals include picture signals that are transmitted by a satellite network.

73. (withdrawn) The information processing system according to claim 68,
wherein said first and second picture display devices further include status change information input terminals to which is entered status change information supplied on the basis of an application program for game.

74. (withdrawn) The information processing system according to claim 73,
wherein each display control means measures the transmission time in which the status change information from other picture display means is transmitted via said communication network, using synchronization signals of telecast signals as the common time information, said display control means performing synchronization control of each picture signal using the transmission time.

75. (withdrawn) The information processing system according to claim 73, wherein said status change information is transmitted over a telephone network.

76. (withdrawn) An information processing apparatus comprising:
a plurality of picture display devices each having a memory in which are written plural picture data,
display control means having a synchronization information input terminal to which the synchronization information from outside is entered,
said display control means having the function of outputting picture signals by picture data written in said memory in synchronism with said synchronization information,
broadcast reception means for receiving telecast signals transmitted by a satellite network for supplying the synchronization information thereof to said synchronization information input terminal and a picture output terminal for outputting said picture data to outside;
a host station having the function of relaying picture data transmitted between the picture display devices and controlling the satellite network; and
a telephone network for interconnecting the host station and the picture display devices via a communication modem for mutually transmitting the picture data.

77. (withdrawn) A synchronization processing method for outputting picture signals displayed on each display unit of an information processing apparatus having a plurality of picture display units interconnected by a communication network, in synchronism with synchronization signals from outside, comprising:

a memory writing step of writing plural picture data in a memory;

a synchronization controlling step of synchronizing picture signals by picture data written in said memory with synchronization signals, said synchronization signals transmitted from a device other than own machine being a synchronization signal component contained in the picture signals of said other machine; and

a picture outputting step of outputting said picture signals.

78. (withdrawn) The synchronization processing method according to claim 77, wherein said synchronization control step brings the frame numbers of picture signals into coincidence using said synchronization information to effect frame synchronization.

79. (withdrawn) The synchronization processing method according to claim 77, wherein in said synchronization control step, the device other than the own device is other picture display devices.

80. (withdrawn) The synchronization processing method according to claim 77, wherein in said synchronization control step, the synchronization signals being the synchronization signal component in the picture signals of said other device are synchronization signals of the telecast signals.

81. (withdrawn) The synchronization processing method according to claim 80, wherein said telecast television broadcast signals are transmitted via a satellite network.

82. (withdrawn) The synchronization processing method according to claim 80, wherein said synchronization control step measures the transmission time of transmitting data from said other picture display device over said communication network, using

synchronization signals of the telecast signals as the common time information, and wherein said synchronization control step effects synchronization control using the transmission time.

83. (withdrawn) The synchronization processing method according to claim 80,
wherein said communication network is constituted by a telephone network.